KTD-313
Data Converter

Overview

The KTD-313 Data Converter is a 10-way protocol translator that converts American Dynamics (AD) Manchester, Video Controls Limited (VCL), Diamond, Pelco P and Pelco D protocol to Digiplex® RS422 and converts Digiplex RS422 protocol to AD Manchester and Diamond protocol. This enables multiple GE Security PTZ (pan/tilt/zoom) receivers to be controlled on a single twisted-pair line by AD Manchester, Diamond, and Pelco head-end systems. It also enables one or more GE Security controllers to operate AD Manchester, Diamond, and Pelco receivers.

Outstanding Features

When used to convert to Digiplex RS422, the KTD-313 also provides preset control of GE Security receivers. When paired with variable-speed controllers, it provides variable-speed control of the CyberDome®. The KTD-313 also provides an eight-position DIP switch that is field programmable.

Standard Features

- **AD Manchester, VCL, Diamond, or Pelco interface**
- **Converts protocol so that AD Manchester, VCL, Diamond, Pelco P, and Pelco D can be integrated with Digiplex RS422**
- **Preset control of PTZ receivers**
- **Removable terminal strip**
- **Compact and wall-mountable**
- **Easy to install**
- **Low cost**

Specifications

Electrical
- Input voltage: 9 VAC or 12 VDC
- Input power: 1.35 VA
- Input serial port: AD Manchester, Video Controls Limited (VCL), Diamond, and Digiplex compatible
- Output Digiplex port: RS422, AD Manchester, Diamond, and Digiplex compatible

Data
- RS422 speed: 4800 baud
- Protocol: (DIP switch selectable) AD Manchester and Digiplex, RS422 and Diamond

Commands Recognized
- Autopan, find preset, set preset, zoom in, zoom out, focus near, focus far, iris open, iris close, tilt up, tilt down, pan left, pan right
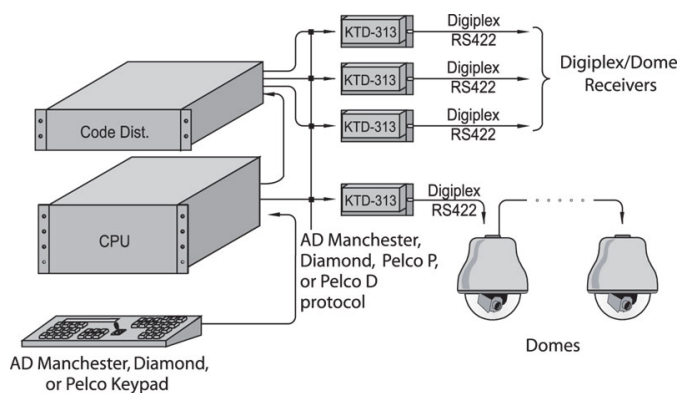
Connections
- Power, digital in/out: Six-position removable terminal strip

Mechanical
- Weight: 3.5 oz (100 g)
- Construction: 0.050 in (1.27 mm) aluminum
- Finish: Black anodized

Related Diagram

Ordering Information

KTD-313